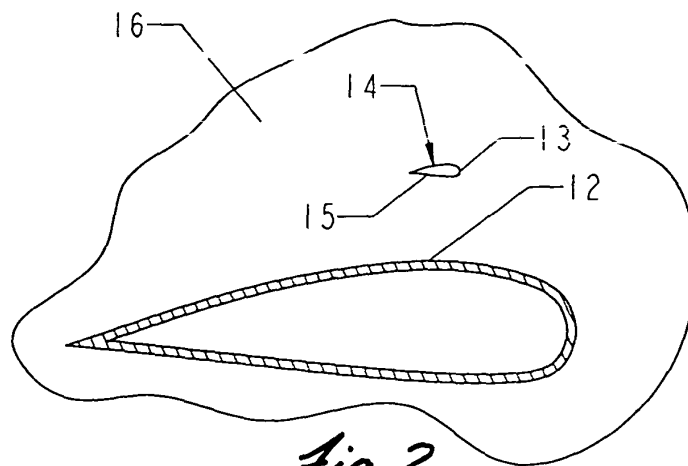


*Fig. 1*



*Fig. 2*

Critical Temperature vs. AOA

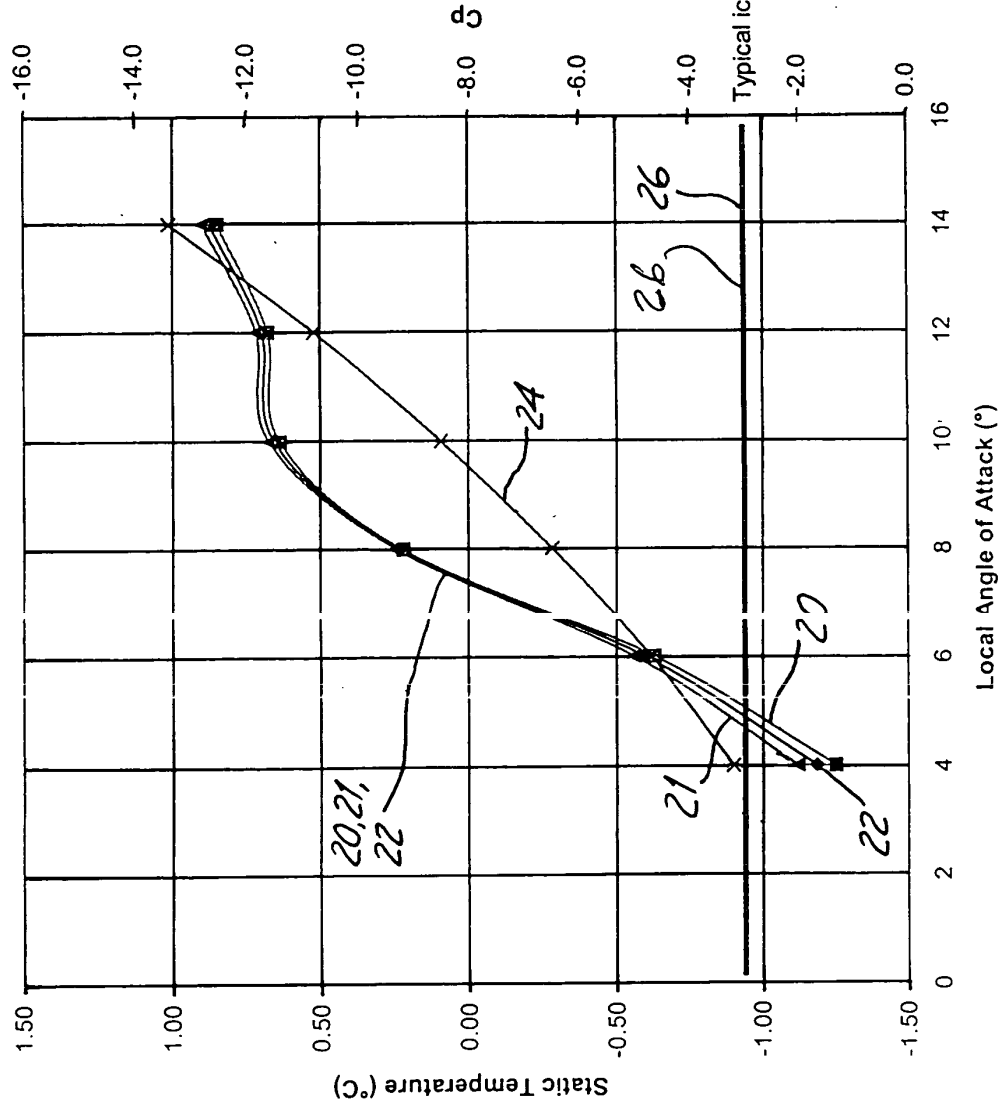
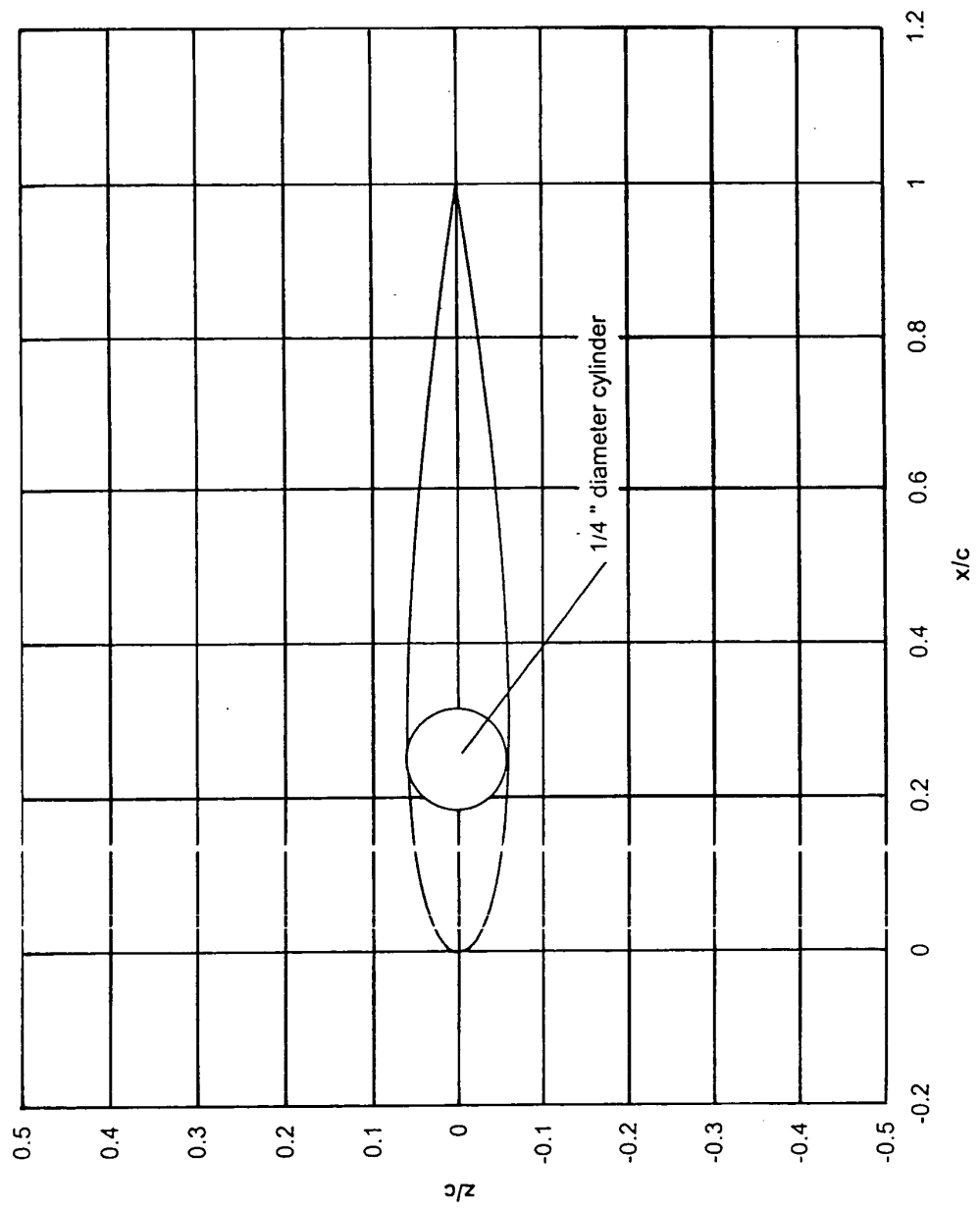


Fig. 3

Speed: 150 KTAS  
 Altitude: 10,000 ft  
 MVD: 20 microns  
 LWC: 0.25 g/m<sup>3</sup>  
 Whitcomb airfoil  
 Chord length: 1.0 m  
 LEWICE v1.6

Fig. 4



Ice formation on the small wing

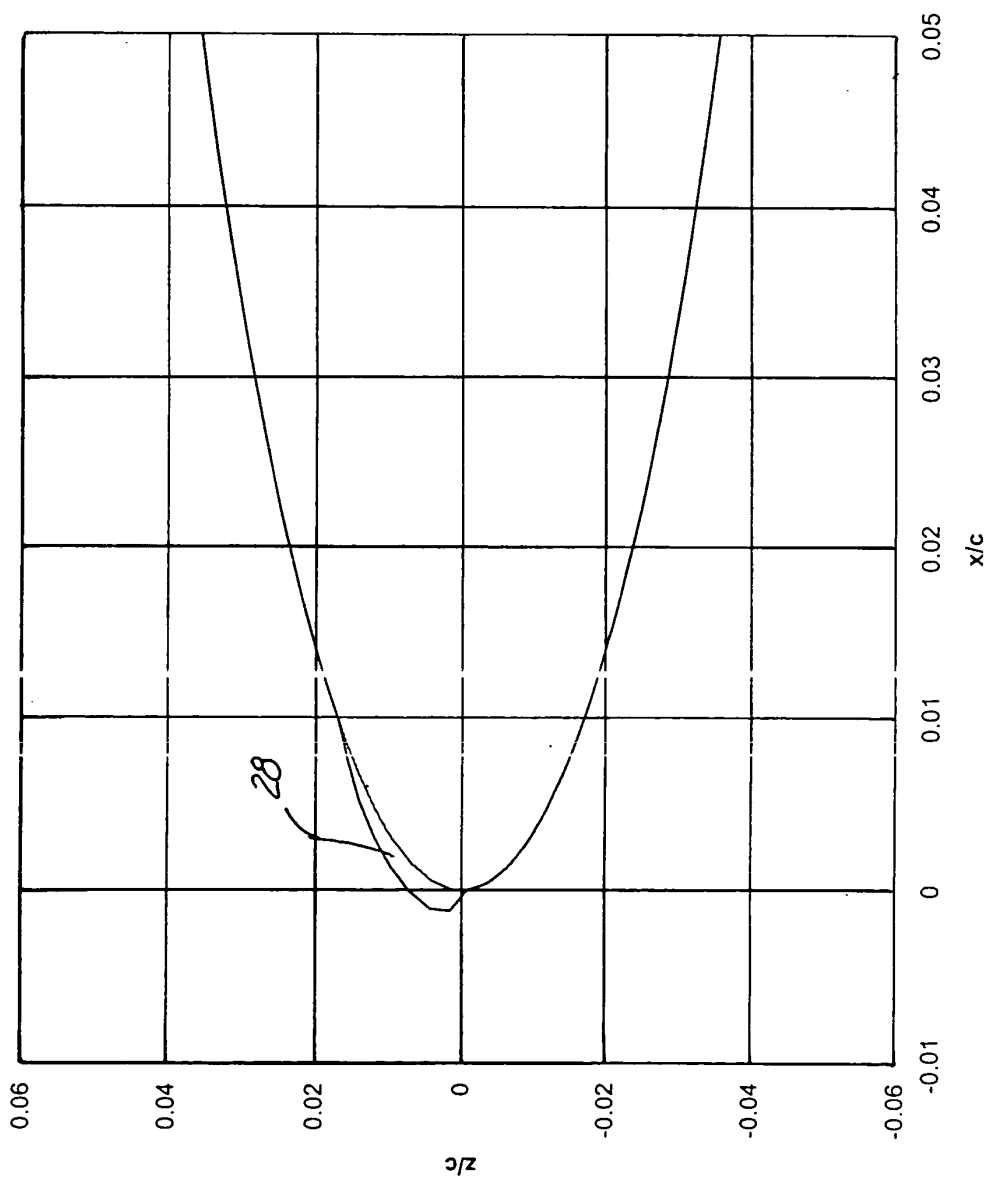


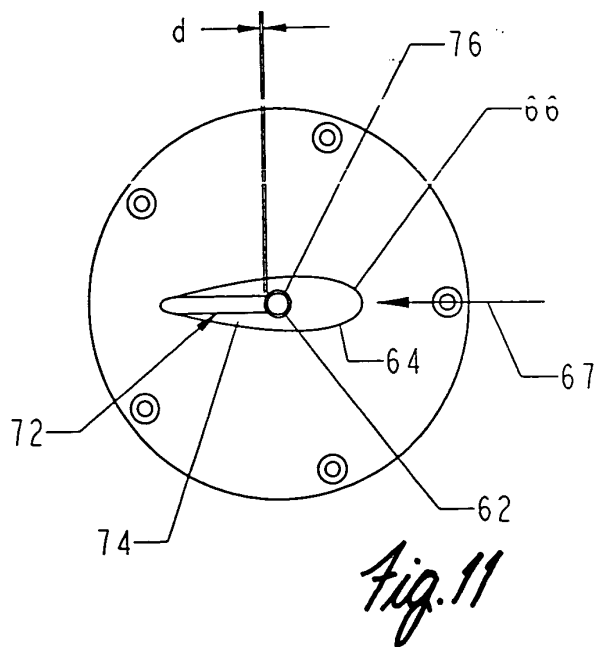
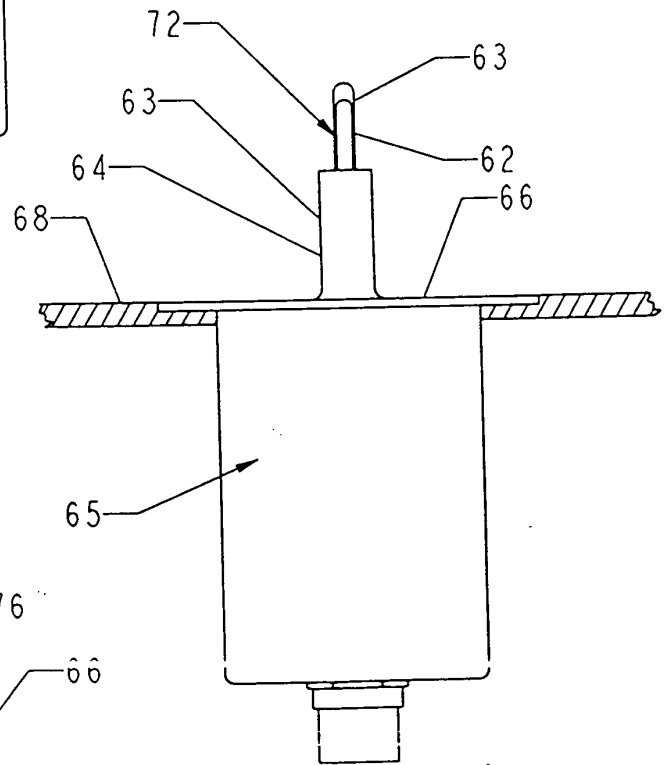
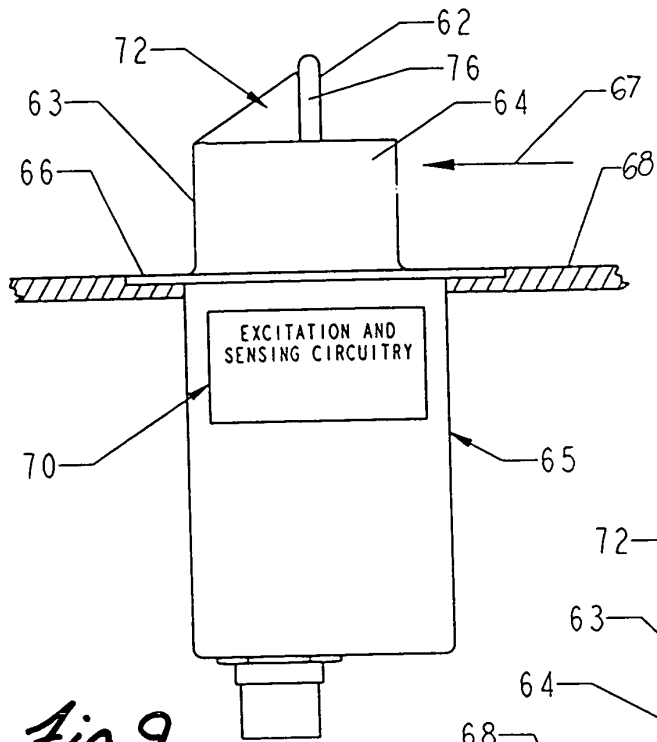
Fig. 5

— Original surface  
--- Ice formation after 10 seconds

Speed: 150 KTAS AOA =  $12^\circ$   
Altitude: 10,000 ft  
MVD: 20 microns  
LWC:  $0.25 \text{ g/m}^3$   
Freestream Static Temp:  $0.68^\circ\text{C}$   
Chord length: 2.08 inches  
LEWICE v1.6  
Small NACA0012 airfoil



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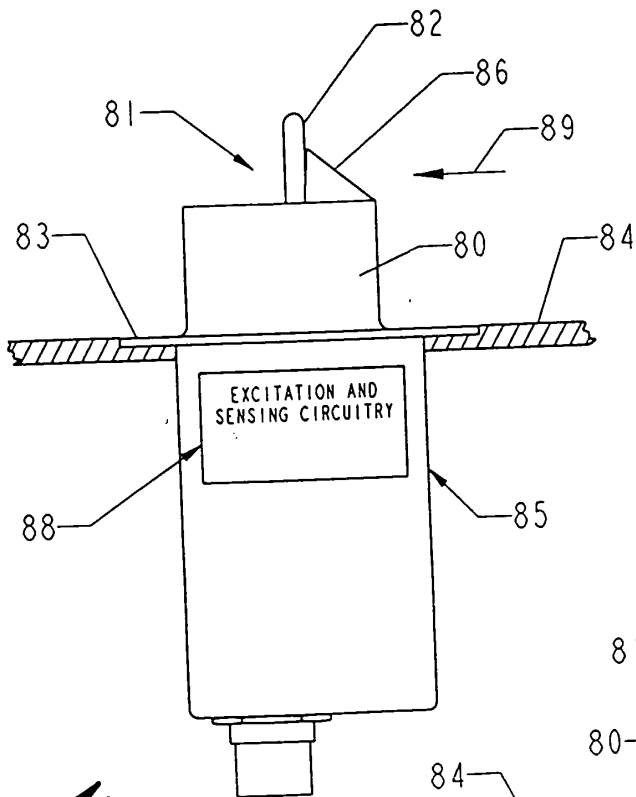


Fig. 12

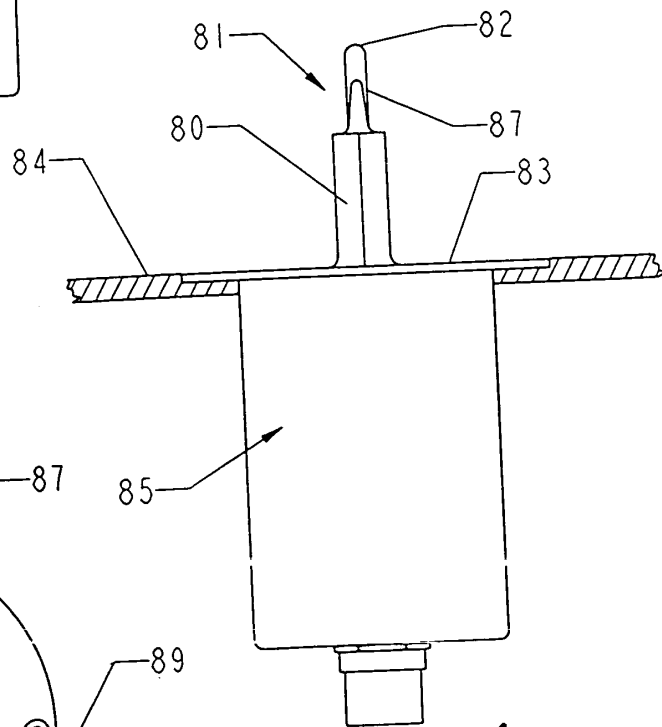


Fig. 13

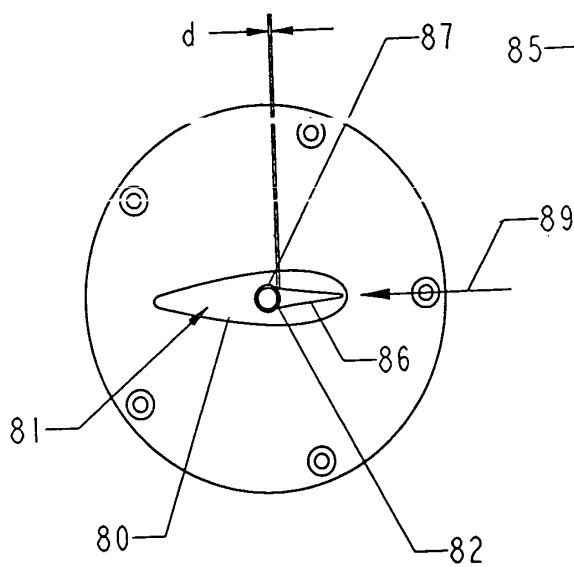
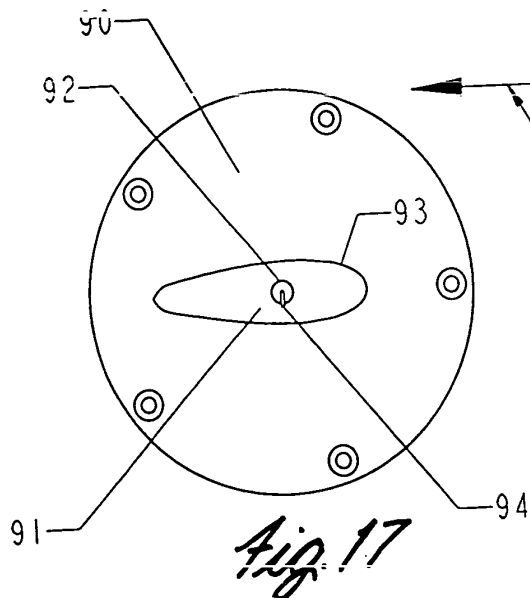
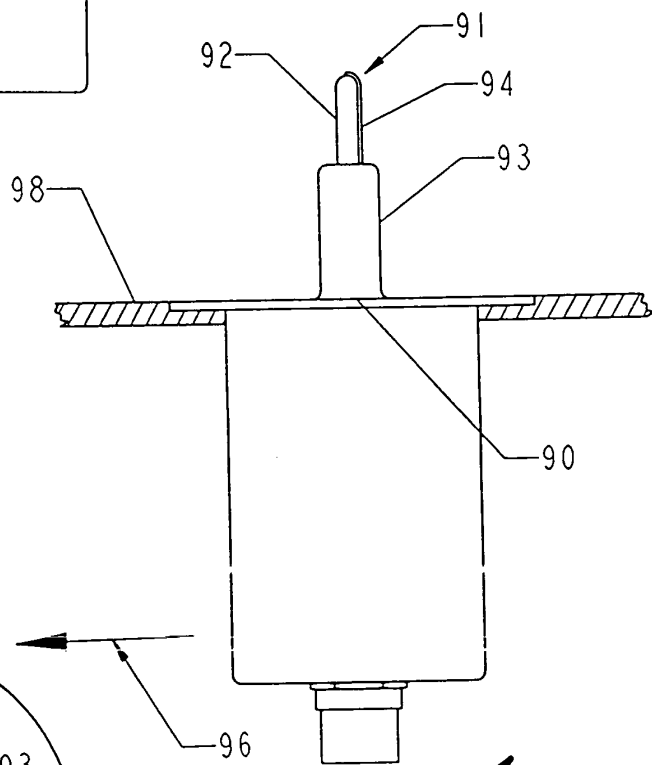
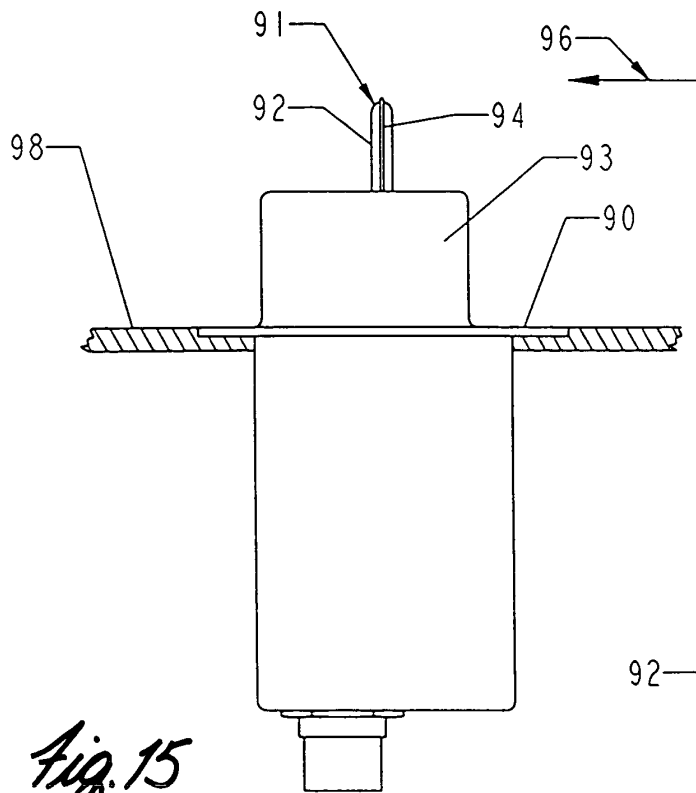


Fig. 14

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